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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSISTANT COMMISSIONER FOR PATENTS
Box Patent Application
Washington, D. C. 20231

Transmitted herewith for filing under 37 CFR 1.53(b) are the specification and claims of the nonprovisional patent application of:

Haiqing Wei, Aly F. Elrefaei, Xin Xue and Shih-Yuan Wang for
Inventor(s)

GENERATION OF OPTICAL SIGNALS WITH RETURN-TO-ZERO FORMAT

Title of Invention

APPLICATION ELEMENTS ENCLOSED:

1. Specification (total pages 43 including:
 - a. 12 pages of claims (49 claims)
 - b. 1 page(s) Abstract
2. 17 sheets of informal formal drawings (Figs. 1-22)
3. Oath or declaration of Applicant(s) (3 total pages)
 - a. _____ Newly executed (original)
 - b. Unexecuted
 - c. _____ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Item 14 completed)
4. _____ Deletion of Inventor(s)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
5. _____ Incorporation By Reference
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied in item 3b is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6. _____ Microfiche Computer Program (Appendix)

APPLICATION PARTS ENCLOSED:

7. _____ An assignment (cover sheet & document(s))
8. _____ 37 CFR 3.73(b) Statement (*when there is an assignee*)
9. Power of Attorney
 - a. _____ Newly executed (original)
 - b. Unexecuted
 - c. _____ Copy from a prior application

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10. Information Disclosure Statement (IDS)/PTO-1449

Copies of IDS Citations

11. A Preliminary Amendment

12. Return Receipt Postcard (MPEP 503)

13. Applicants hereby establish small entity status under 37 C.F.R. §1.9 and §1.27

14. If a Continuing Application, *check the appropriate box and supply the requisite information:*

Continuation of prior application No.: _____ filed _____

Divisional of prior application No.: _____ filed _____

Continuation-in-part (CIP) of prior application No.: _____ filed _____

15. Amend the specification by inserting before the first line of page one: --This is a continuation
 divisional of application Serial No. _____ filed _____

16. Priority of application Nos. _____ filed in _____ on _____. Applicant hereby claims
priority under 35 U.S.C. § 119.

A certified copy of priority application Nos. _____ are enclosed

A certified copy of priority application No. _____ has been filed in prior application
S.N. _____ filed _____

17. Other (identify) _____

The filing fee is calculated as follows:

CLAIMS AS FILED, LESS ANY CLAIMS CANCELLED BY AMENDMENT

	Number Filed		Number Extra*		Rate			Fee	
					Small Entity	Other Entity		Small Entity	Other Entity
Total Claims	49 - 20	=	29	x	\$ 9	\$ 18	=	\$ 261	\$
Indep. Claims	5 - 3	=	2	x	\$ 42	\$ 84	=	\$ 84	\$
Multiple Dependent Claims Presented: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					\$140	\$280	=	\$ 0	\$
If the difference in column 1 is less than zero, enter "0" in column 2					Basic Fee			\$ 370	\$ 740
					Total Fee			\$ 715	\$

18. A check in the amount of \$ 715.00 to cover the filing fee.
19. A check in the amount of \$ _____ for recordation of the Assignment.
20. The Commissioner is hereby authorized to charge any additional fees which may be required in connection with the following or credit any overpayment to Deposit Account No. 03-3125
- Filing fees under 37 C.F.R. § 1.16.
- Patent application processing fees under 37 C.F.R. §1.17.
- The issue fee set in 37 C.F.R. §1.18 at or before mailing of the Notice of Allowance, pursuant to 37 C.F.R. §1.311(b).
21. Three copies of this sheet are enclosed.
22. Other (identify) _____

CORRESPONDENCE ADDRESS:

Ivan S. Kavrukov
Registration No. 25,161
Cooper & Dunham LLP
1185 Avenue of the Americas
New York, New York 10036
United States of Americas
Tel.: (212) 278-0400
Fax: (212) 391-0525

Respectfully submitted,



Ivan S. Kavrukov, Reg. No. 25,161
Attorney for Applicants
c/o Cooper & Dunham LLP
1185 Avenue of the Americas
New York, New York 10036
Tel.: (212) 278-0400

October 4, 2001
Date

FILED IN U.S. PATENT AND TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Haiqing Wei, et al.

Serial No. : Group Art Unit:

Date Filed : Concurrently Herewith Examiner:

For : GENERATION OF OPTICAL SIGNALS
WITH RETURN-TO-ZERO FORMAT

1185 Avenue of the Americas
New York, N.Y. 10036

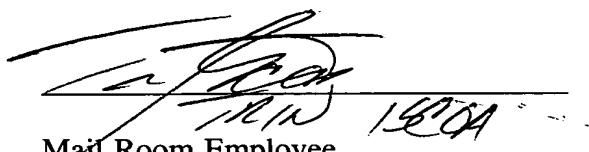
Assistant Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

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LETTER OF TRANSMITTAL

Express Mail mailing label number: EL531588355US

Date of Deposit: October 4, 2001

I hereby certify that the above-identified application (consisting of a 43-page specification (including 12 pages of claims (49 claims) and a 1 page Abstract), and 17 sheets of formal drawings (Figs. 1-22), 3 copies of an Application Transmittal Form, unexecuted Declaration and Power of Attorney, and a check for the \$715.00 Small Entity filing fee, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.


Ivan S. Kavrukov
Mail Room Employee
Depositing Express Mail Material

Attorney for Applicant:
IVAN S. KAVRUKOV, Reg. No. 25,161
Cooper & Dunham LLP
Tel: (212) 278-0400